



LAST-A-FOAM® FR-4700 RIGID POLYURETHANE FOAM (English Units)

Property	Test Method	FR-4718	FR-4730	FR-4740
Density (lb/ft ³)	ASTM D-1622	18	30	40
Compressive Strength (psi)				
Parallel to Rise				
75°F	ASTM-D-1621	1,200	3,000	5,200
350°F		620	1,400	2,200
Perpendicular to Rise				
75°F	ASTM-D-1621	1,100	2,550	4,150
350°F		630	1,350	2,100
Compressive Modulus (psi)				
Parallel to Rise				
75°F	ASTM-D-1621	37,300	94,100	181,000
350°F		18,900	51,500	91,000
Perpendicular to Rise				
75°F	ASTM-D-1621	29,200	105,000	173,000
350°F		17,500	45,900	79,000
Thermal Conductivity (BTU·in/ft ² ·°F·h)	ASTM C-518 at 75°F (24°C) mean temp.	0.42	0.63	0.91
CTE: (in/in·°F)	ASTM E-1824 @ 200°F - 400°F	26 x 10 ⁻⁶		
Glass Transition Temperature, Tg (°F)	ASTM E-1824	425		
Max Use Temperature (°F)		400		

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This data is subject to revision and changes due to development of and changes to the material. The data is derived from tests and historical usage. The data is averaged data and should be treated as such. These values do not constitute a sales specification. Calculations should be verified by actual tests. The data is furnished without liability for the company and does not constitute a warranty or representation in respect to the material or its use. The company reserves the right to release new data sheets in replacement.

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